



**Tripp Lite**  
1111 West 35th Street  
Chicago, IL 60609 USA  
Telephone: +(773) 869 1234  
E-mail: [saleshelp@tripplite.com](mailto:saleshelp@tripplite.com)

## Model #: ULTRABLOK

### Isobar Surge Suppressor - Direct plug-in surge, spike and line noise protection



#### Highlights

- 2 (15A) outlets/direct plug-in
- 600 joule rating
- All-metal housing with LEDs
- \$10,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

#### Description

For more than 20 years, America's leading companies have trusted Tripp Lite's Isobar Premium surge and noise suppressors to protect sensitive computer, networking and telecom equipment. With more than 15 million satisfied customers, the ISOBAR remains the world's #1 selling premium surge suppressor. Loaded with a generous combination of high-quality components, near indestructible all-metal case and unique noise filtration system, Isobars offer the highest levels of protection. Robust surge suppression circuits with sine wave tracking offer extreme levels of protection against the heaviest surge conditions. Isobar's unique protection system combines large toroidal chokes, HF/VHF capacitors and multiple metal oxide varistors that remove high-level surges and EMI/RFI interference. UltraBlok 428 offers 2 outlets arranged with standard wall socket spacing in a cordless direct plug-in format. Mounting tabs allow permanent connection via duplex switchplate screw. Surge suppression rated at 600 joules/48,000 amps offers high-grade protection. Diagnostic LEDs confirm power availability, line fault and protection status. Lifetime warranty with \$10,000 Ultimate Lifetime connected equipment Insurance (USA & Canada Only).

PLUG/OUTLETS: Input—NEMA 5-15P; Output—2 NEMA5-15R

ELECTRICAL: 120V AC, 50/60Hz, 15A (Requires NEMA 5-15R wall receptacle)

SUPPRESSION: AC: 140V RMS Clamping/600 joules/48,000 amps

FORMAT: Direct plug-in, receptacle mount form factor

#### Applications

- Ideal for premium AC protection for personal computers with peripherals, network and CAD/CAM/CAE workstations, internetworking accessories, telecommunications systems, point of sale equipment, audio/video and home theater systems in any home, office or industrial application.

#### Package Includes

ULTRABLOK 428

## Features

- Tripp Lite's ISOBAR is the world's #1 selling premium suppressor series with more than 15 million satisfied customers and a safety-tested history of 20+ years
- Robust surge suppression with sine wave tracking protects against the heaviest of surge conditions, exceeding IEEE category A&B specifications
- Multi-component suppression circuits combine toroidal chokes, HF/VHF capacitors and metal oxide varistors
- 2 outlets with standard duplex wall outlet spacing offer convenient wall receptacle mount placement. Included mounting tab allows permanent connection via wall receptacle switch plate screw.
- Heavy-grade surge suppression rated at 600 joules/48,000 amps
- 3 LED indicators confirm suppressor operation and site wiring status, plus warning of suppressor or electrical fault conditions
- 120V AC, 50/60Hz, 15A electrical compatibility
- \$10,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada Only)
- Lifetime product warranty
- UL1449 listed—surge suppression (330V let-through), UL1283 listed—EMI protection, UL1363 listed—power tap, cUL approved to Canadian standards

## Specifications

OVERVIEW	
Intended Application	Home/Office, Travel
SYSTEM OVERVIEW	
Voltage compatibility	120 VAC
Frequency compatibility	50/60 Hz
OUTPUT	
Output volt amp capacity (amps)	15
Output watts	1800
Outlet quantity / type	2 NEMA 5-15R
INPUT	
Input connection type	NEMA 5-15P
Input cord length (ft.)	Direct plug-in
Recommended Electrical Service	120V (110-125V)
LEDS ALARMS & SWITCHES	
Diagnostic LEDs	PROTECTION PRESENT (green), LINE FAULT (red) and LINE OK (green)
SURGE / NOISE SUPPRESSION	
Protection modes	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression
AC suppression joule rating	600 joules
Clamping voltage (RMS)	140V
AC suppression response time	NM = 0 ns. CM =
AC suppression surge current rating	48,000 amps
AC suppression components used	Metal oxide varistors, toroidal balanced chokes and VHF capacitors
Safe thermal fusing	Prevents unsafe conditions during extreme extended overvoltages and catastrophic occurrences
EMI / RFI filtering	40-80 dB

Immunity	Conforms to IEE 587 / ANSI C62.41
<b>DATALINE SURGE SUPPRESSION</b>	
Telephone/DSL Protection	No
Cable (Coax) Protection	No
Network (Ethernet) Protection	No
<b>PHYSICAL</b>	
Unit Dimensions (HWD/in)	4 x 2.5 x 2.5
Unit Dimensions (HWD/cm)	10.2 x 6.4 x 6.4
Material of construction	Metal
Form factors supported	Direct plug-in format with retaining bracket supports wall mounting directly to a standard AC wall socket
Housing Color	Black
Receptacle Color	Black
Style	Direct Plug-in
<b>SPECIAL FEATURES</b>	
Appearance	Attractive, all-black color scheme
<b>CERTIFICATIONS</b>	
UL1449 1998 Rev. (AC Suppression)	UL1449
UL1283 (EMI Filter)	UL1283
cUL / CSA (Canada)	cUL
Approvals	Exceeds IEEE 587 category A&B specifications
<b>WARRANTY</b>	
Product Warranty Period	Lifetime
Connected Equipment Coverage	\$10,000

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=3980](http://www.tripplite.com/en/products/model.cfm?txtModelID=3980).